

Material Safety Data Sheet

Science Stuff, Inc.
1104 Newport Ave
Austin, TX 78753

Phone (512) 837-6020
Chemtrec 800-424-9300
24 Hour Emergency Assistance

Section 1 Identification

Product Number:	C1722	Health:	2
Product Name:	Ethylene Glycol Laboratory Grade	Flammability	1
Trade/Chemical Synonyms		Reactivity	0
Formula:	HOCH'CH'OH	Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4	
RTECS:	KW2975000	NA = Not Applicable NE = Not Established	
C.A.S	CAS# 107-21-1		

Section 2 Component Mixture

Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input checked="" type="checkbox"/>	Ethylene Glycol	CAS# 107-21-1	100%	V/V	OSHA PEL 127 mg/mf (50 ppm) ceiling, Vapor & mist

Section 3 Hazard Identification (Also see section 11)

Keep away from heat and ignition sources. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Section 4 First Aid Measures

Keep away from heat and ignition sources. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

Section 5 Fire Fighting Measures

Fire Extinguisher Type: Apply alcohol or all purpose foam for larger fires. Carbon dioxide may be used for smaller fires.

Fire/Explosion Hazards: Fire possible at elevated temperatures.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Section 6 Accidental Release Measures

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

Section 7 Handling and Storage

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

Section 8 Exposure Controls & Personal Protection

Respiratory Protection: None required

Mechanical: Hand Protection: Wear appropriate gloves to prevent skin exposure

Ventilation: Local Exhaust: Eye Splash Protection: Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

Section 9 Physical and Chemical Properties

Melting Point:	-13 Deg C	Specific Gravity:	1.115 @20 C
Boiling Point:	>197 Deg C	Percent Volatile by Volume:	
Vapor Pressure:	0.08 mmHG	Evaporation Rate:	0.01
Vapor Density:	2.1	Evaporation Standard:	Butylacetate =1
Solubility in Water:	Soluble	Auto ignition Temperature:	Not applicable
Appearance and Odor:	Colorless mildly sweet liquid	Lower Flamm. Limit in Air:	3.2 approximate
Flash Point:	116.1 C (241 F)	Upper Flamm. Limit in Air:	15.3 approximate

Section 10 Stability and Reactivity Information

Stability: Stable Conditions to Avoid: None known

Materials to Avoid: Strong acids, bases, strong oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide

Hazardous Polymerization: Will Not Occur

Condition to Avoid: None known

Section 11 Additional Information

Ingestion may cause abdominal discomfort, pain or nausea, blurred vision, and central nervous system disorders. Eye contact may cause

irritation, tear production, redness. May aggravate existing kidney condition. Persons with preexisting eye, skin or respiratory problems may be more susceptible. Target organs: kidney, central nervous system.

DOT Classification: Not Regulated

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

Revision	Date Entered:	Approved by:
No: 0	9/1/2006	WPF

The information contained herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty is expressed or implied regarding the completeness or accuracy of this information, whether originating from Science Stuff, Inc. or from an alternate source. Users of this material should satisfy themselves by independent investigation of current scientific and medical information that this material may be safely handled.